

TEKAPUR

2 IN 1 (hand held+gun grade)

PROPERTIES

Tekapur 2 in 1 gun grade + hand held is a one-component polyurethane foam which can be used either in combination with a gun or a hand held adapter. It provides good sound and thermal insulation. It adheres well to most construction materials such as wood, concrete, porous concrete, brick, metal and aluminium, but not to polyethylene, silicone and PTFE.

Advantages of using Tekapur 2 in 1:

- UNIVERSAL - it can be used either with a gun or with a hand held adapter;
- ECONOMICAL - more precise dosage than with hand held foam and reduced consumption;
- EFFICIENCY - greater volume of the foam.

TESTS AND CERTIFICATES

GEV-EMICODE EC-1 PLUS (very low emission)

USE

It is used in construction industry for sealing, filling, insulating, fixing and mounting (of window and door frames).

TECHNICAL DATA

| | | |
|-------------------------|-------------------|--|
| Volume | FEICA OCF TM 1003 | 38–45l (free foamed) (750 ml) |
| Specific density | FEICA OCF TM 1019 | 16–20kg/m ³ |
| Application temperature | | min. +5°C (surface), 20–25°C (can) |
| Tack free time | FEICA OCF TM 1014 | 6–12min. |
| Cutting time | FEICA OCF TM 1005 | 22–27min. |
| Hardening time | | 2–6 hours, depending on temperature and humidity |
| Temperature resistance | | from -40°C to +90°C |
| Dimensional stability | FEICA OCF TM 1004 | max.±5% |
| Water absorption | DIN 53428 | max. 1 vol.% |
| Compression strength | FEICA OCF TM 1011 | 0,04–0,05MPa |
| Tensile strength | FEICA OCF TM 1018 | 0,12–0,14MPa |
| Elongation at break | FEICA OCF TM 1018 | 20–30% |
| Thermal conductivity | DIN 52612 | 0,039W/(m K) at 20°C |
| Flammability class | EN 13501–1 | F |



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Easy to use



Gun Grade



Hand held

APPLICATION

Surfaces should be clean, free of dust, grease and other impurities. Dry and porous surfaces should be moistened with water. The optimal temperature of can at work is room temperature. At lower temperature put the can into warm water with max. temperature of 40°C for about 20 minutes.

When used with a hand held adapter

Before use shake can thoroughly with the valve upside down. Remove the protection cap and screw on the nozzle with a tube. Turn the can with the valve upside down and apply pressure on the valve to activate the foam. You only have to fill the gap partially as the foam expands from 2 to 3 times. If you do not use the entire can clean the valve and the nozzle with a tube with Tekapur Cleaner.

When used with a gun

Before use shake can thoroughly with the valve upside down. Then screw the can onto the gun and press the trigger for about 2 seconds so that the gun is filled with foam. During foam application hold the gun in vertical position. Apply pressure on the trigger to allow the outflow of the foam. The output of the foam can be regulated with the adjustment screw on the back side of the gun. When replacing the can, shake the new can vigorously, unscrew the empty can and immediately replace it with a new one. The can replacement has to be fast to prevent the foam to harden in the adapter. Hardened foam residues in front of the nozzle can be removed only mechanically. At short work interruptions the can can be left screwed onto the gun, but screw on the back side of the gun must be tightened. The can must be under pressure and at least half full, otherwise the foam will harden in the gun. At longer work interruptions, clean the gun with the Tekapur cleaner. Please note that the foam would expand 30–50%. If you do not use the entire can clean the valve with Tekapur Cleaner. If you are filling a gap wider than 5 cm, work in layers. Apply the second layer once the first one has hardened. You can speed up the process of hardening by spraying the foam with water. Once hardened, foam should be protected against UV light. Once the foam has hardened, cut it with a sharp knife and finish with plastering, sealing, covering, painting etc. Once hardened foam can only be removed mechanically.

PACKAGING

- aerosol can of 750ml, 500ml
- other packagings are available by agreement

STORAGE

18 months (from +5°C to +25°C) or at lower temperatures for shorter periods of time (e.g. during transport). Higher temperatures shorten storage life. Store the cans in an upright position.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TTK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.



FEICA is the Association of the European Adhesive and Sealant Industry and is a multinational association representing the European Adhesive and Sealant Industry. All Feica standards for PU foam are available on:
<http://www.feica.eu/our-industry/pu-foam-ocf/ocf-test-methods.aspx>